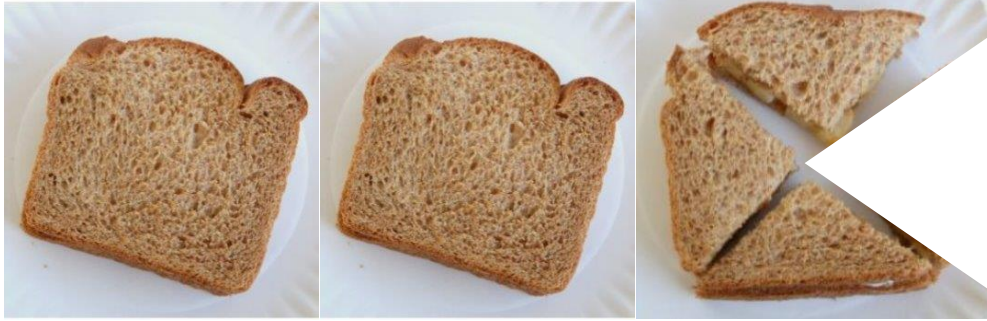


Name: \_\_\_\_\_

Div: \_\_\_\_\_

Date: \_\_\_\_\_

# 5.1 Mixed Numbers



How would you describe the number of sandwiches on the tray?

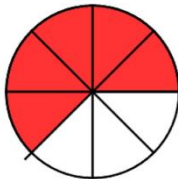
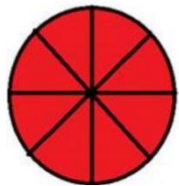
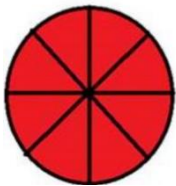
You can use whole numbers and fractions to describe amounts greater than 1.

Suppose the red circle is 1 whole.



The 8 red triangles cover the circle. So, each triangle represents  $1/8$ .

$8/8 = 1$  whole.



Then, 21 Triangles =  $21/8$

Grouped, this is shown by **two** whole circles shaded and  **$5/8$**  of the circle shaded.

Therefore: 2 and  $5/8$ . We write this as  $2 \frac{5}{8}$

$$21/8 = 2 \frac{5}{8}$$

The numerator, **21**, of  $21/8$  is **greater** than the denominator, 8.

So, we call  $21/8$  and **improper fraction**.

$2 \frac{5}{8}$  has a whole number part, **2**, and a fraction part,  **$5/8$** .

So, we call  $2 \frac{5}{8}$  a **mixed number**.

HW: p. 164 # 1-7 Bonus 8,9

What is the Fraction of the Shaded Area WS

Turn Improper Fractions into Mixed Fractions WS